



**CSAT**

**PAPER II**

**Detailed Solutions**

1. Look at the following lines: "But in its deepest sense education is not instrumentalist. That is to say, it is not to be justified outside of itself..."  
The word "NOT" indicates that the answer should have a negative connotation. (In the deepest sense education is not {positive} will make little sense).  
Options 2, 3 and 4 are mentioned in the passage as positive outcomes or innate qualities of education.  
Hence, the correct answer is **option 1**.
2. Options 1 and 2 talk about acquiring employment and social status respectively which are "as a result of" education. Education leads to "the acquisition of formal skills or of certain desired psychological – social attributes." But "It must be respected in itself".  
The entire passage then talks about the values and foundation that education provides man.  
Hence, the correct answer is **option 3**.
3. Education as a commodity is useful in acquiring all that is stated in option 1, 2 and 4. However, it is much more than that. The last paragraph mentions "Education then, is a process of expansion and conversion.....It is an inner process of moral-intellectual development."  
Hence, the correct answer is **option 3**.
4. "Natural selection" is the gradual, non-random, process by which biological traits become either more or less common in a population as a function of differential reproduction of their bearers.  
None of the options explains this.  
Hence, the correct answer is **option 4**.
5. Statement 1 states "all" instead of "many", making it incorrect.  
The last paragraph talks about pesticides in a "fundamental" sense and their role in sustainable agriculture. Statement 2 is incorrect.  
In paragraph two, the last lines mention the example of the Alabama leafworm which has developed resistance to a number of pesticides.  
Hence, the correct answer is **option 2**.
6. The passage clearly states in the third paragraph, "The ratio of cost to benefit for the individual agricultural producer has remained in favour of pesticide use."  
None of the options states this.  
Hence, the correct answer is **option 4**.
7. Statement 2 is incorrect as it states that "pests do possess.." It should be "pests may possess".  
Statement 3 is an incorrect interpretation of what is mentioned in the 1<sup>st</sup> paragraph: "The evolution of pesticide resistance is simply natural selection in action".  
Statement 1 finds support in paragraph 1.  
Hence, the correct answer is **option 1**.
8. The first five lines of the last paragraph state: ".....mass starvation or of an epidemic disease, are so frightening.....have to be ignored"  
This is stated in statement 2.  
Hence, the correct answer is **option 3**.
9. The last paragraph states that "Sustainability depends upon continually developing new pesticides that keep at least one step ahead of the pests.."  
Hence, the correct answer is **option 1**.
10. The last paragraph mentions "overexploiting natural resources" as one of the factors that can add to vulnerability.  
The paragraph also states "And clearing mangroves....to make way for intensive farming.....increases the physical vulnerability..."  
Statement 2 is mentioned in the passage but not in the context of vulnerability.  
Statement 3 with "social security" is incorrect.  
Hence, the correct answer is **option 3**.
11. Low- carbon growth is mentioned in the passage in terms of energy consumption. None of the options mention this.  
Hence, the correct answer is **option 4**.
12. The second paragraph talks about economic prosperity going hand in hand with ecological conditions. So statement 1 is correct.  
Statement 1 and 3 find support in the first paragraph: "Adaptation and mitigation measures can advance development", "Advanced robust, resilient development policies that promote adaptation is needed...."  
Hence, the correct answer is **option 4**.
13. The last passage mentions that overexploiting of natural resources increases vulnerability.  
It also mentions the example of the cotton cultivation. Irrigated cotton when cultivated in a water-stressed area did not lead to optimum results. In the same way, rainfed crops should not be cultivated in irrigated areas as the natural resources are sufficient to provide for them.  
Thus, statement 1 can be inferred.  
Statement 2 cannot be inferred.  
Hence, the correct answer is **option 1**.

14. Statement 1 finds support in the second paragraph: “...much of humankind’s creative potential has been directed at adapting to the changing world”. The examples of the Soviet development plan – cotton cultivation and mangroves of Guinea give support to statement 2. Paragraph 2 talks about economic prosperity being intertwined with ecological conditions. Hence, the correct answer is **option 4**.
15. Options 1, 3 and 4 talk about parts of the passage which are important but not central to the passage. The first paragraph mentions, “Adaptation and mitigation measures can advance development”. The second paragraph talks about the changing world and sustaining growth. It mentions the need for adaptability to understand the environment. Hence, the correct answer is **option 2**.
16. Option 1 is too general statement to conclude. Options 3 and 4 are too far fetched. Option 2 is perfectly valid. Hence, **option 2**.
17. Let  $a, b, c$  and  $d$  are the ages of A, B, C and D.  
 $\therefore$  By first statement, we have,  
 $a \geq b$   
 And by second statement we have,  
 $c \geq d$   
 Now,  $B > C$   
 $\therefore a > c$   
 Hence, **option 4**.
18. Option 1 and 3 are too general and not necessarily true. Option 2 is a correct conclusion as all the club members definitely have a pair binoculars. Hence, **option 2**.
19. Option 1 talks about Ankit’s parents whereas they have not been mentioned in the information. Option 2 is incorrect. The information says that Ankit participated in hiking, swimming etc. which are outdoor activities. He also participates in music and dance. His preference is not mentioned. The information mentions Ankit going to camp last summer and this summer. One cannot generalize this and assume he goes to camp every summer. The phrase “looking forward” (to a music camp) supports option 4. Hence, the correct answer is **option 4**.
20. B wore orange pants. Hence, B cannot wear orange and blue shirts. Hence, B wore black shirt. Hence, by 3, C wear blue shirt. Hence, A wear orange shirt. Now, A didn’t wear green pants and B wore orange pants. Hence, c wore green pants. Hence, **option 3**.
21. Three shows were discontinued. As no sitcoms shows were discontinued, they must be either drama or news magazines. Now, there were only two news magazines.  $\therefore$  Atleast one discontinued show was a drama. Hence, **option 3**.
22. One Christian Doctor is Tamil Speaking. So, one Muslim doctor will be Gujarati speaking. One Christian will be a businessman will be Gujarati speaking because other Christian is Tamil speaking. Hence, both the given statements are true. Hence, **option 3**.
23. Option 2 talks about “all essential things” which is not mentioned in the information. Option 3 is incorrect. Television can be used to learn but it is not imperative. Option 4 is verbatim in the information and is not an inference. Option 1 is correct as the information mentions “Though quite expensive, television is not a luxury item” which suggests that television is an exception to expensive goods (other expensive goods are considered as luxury items but a T.V is not) Hence, the correct answer is **option 1**.
24. Let Mr. Kumar takes  $t$  time to cover 40% of the distance. Hence, he takes  $t + 10$  minutes to cover 60% of the distance. Now, average speed is constant. Hence, we have,  

$$\frac{t + 10}{t} = \frac{3}{2}$$
 Hence,  $t = 20$  minutes  
 Hence, time required to complete the journey  
 $= 2t + 10 = 50$   
 Hence, total distance travelled is;  

$$\frac{50}{60} \times 48 = 40 \text{ km}$$
 Hence, **option 1**.
25. Let R, S and G be prettiness of Rita, Sita and Gita. From the questions, we have,

- $R > G > S$   
Therefore Sita is not as pretty as Gita.  
Hence, **option 1**.
26. From 3 and 4,  
B is either mother or father of D.  
Hence, B's brother will be uncle of D.  
Hence, by 1, A is the uncle of D.  
Hence, **option 1**.
27. Let  $m, n, t$  and  $p$  be the score of Rama, Rani, Ratna and Padma.  
Hence,  $m > n$   
 $t > m$ , and  $t > p > m$   
 $\therefore t > p > m > n$   
 $\therefore$  Ratna was the top scorer.  
Hence, **option 4**.
28. Paragraph 1 mentions: "However, SOME (introductions) have been responsible for dramatic changes in native species..." Also, the last lines of paragraph 2 mention "The effect of these introductions...much more homogeneous".  
The first three lines of the last paragraph mention, "It would be wrong to conclude that introducing species to a region will cause a decline in species richness".  
These lines help rule out options 1 and 2.  
Hence, the correct answer is **option 4**.
29. Paragraph 1 states, "...to serve some purpose private or legitimately to procure some hoped-for public benefit by bringing a pest under control, producing new agricultural products or providing novel recreational opportunities".  
Among the options, only statement 2 is mentioned in the passage. The other two options could be taken as part of "private purpose" but are not very clear.  
Hence, this question is ambiguous.
30. The second paragraph states, "The extent to which this homogenization can happen naturally is restricted by the limited powers of dispersal of most species in the face of the physical barriers that exist to dispersal." Oceans and mountains comprise physical features that can act as barriers.  
Hence, the correct answer is **option 2**.
31. The first paragraph states, "Human-caused introductions may occur either accidentally as a consequence of human transport, or intentionally but illegally to serve some private purpose."  
Thus, option 1- smuggling (illegal) and option 2 - building highways (transport) are correct.  
Hence, the correct answer is **option 1**.
32. The first paragraph states that invasion of exotic species has led to dramatic changes to native species and natural communities. This supports statement 2.  
The last lines of the last paragraph states that the introduction of exotic species has a detrimental effect and poses a challenge to endemic biotas ill-equipped to deal with them.  
Hence, the correct answer is **option 3**.
33. The last line of the first paragraph states that several East Asian countries succeeded, through the 1970s and 80s, in promoting economic growth without pursuing democracy.  
Hence, the correct answer is **option 2**.
34. The second paragraph states, "The assessment of development cannot be divorced from the lives that people can lead and the real freedom that they enjoy."  
Hence, the correct answer is **option 4**.
35. The last paragraph states, "...we must not miss the crucial recognition that political liberties and democratic rights are among the 'constituent components' of development."  
Hence, the correct answer is **option 3**.
36. The passage mentions, "The impact of FDI is not always pro-competitive". Before that the introductory statement talks about the NEED for competition law in the face of liberalized FDI. Thus, statement 1 is correct. Statement 2 is not representative of what is mentioned in the passage i.e. "Very often.....thus charging higher prices."  
Hence, the correct answer is **option 1**.
37. The passage clearly states the following: "...FDI takes the form of a foreign corporation acquiring a domestic enterprise or establishing a joint venture. By making such an acquisition, the foreign investor may lessen competition and gain a dominant position in the relevant market....." Thus, statement 2 is correct. The next few lines mention: "...affiliates of two separate MNCs.....parent companies overseas merge."  
Hence, the correct answer is **option 2**.
38. The passage begins with the "need for Competition law". It goes on to describe the dynamics between domestic markets and foreign investments. The option that best captures this is option 3.  
Hence, the correct answer is **option 3**.
39.  $P = I$  watch TV  
 $Q = I$  am bored  
 $R = I$  have my brother's company  
 $S = I$  go to the theatre

Hence, statement 1 is:  $P \rightarrow Q$   
 Negation of this statement is  $\neg Q \rightarrow \neg P$   
 That means if I am not bored I do not watch TV.  
 Hence, **option 4**.

40. Consider option 1:  
 In this case, if R is open, then B, C and Q can also be open.  
 Hence, this statement is not necessarily true.  
 Option 2:  
 In storms either A or B is open.  
 Hence, this statement is definitely correct.  
 Option 3:  
 P is closed during flooding.  
 Hence, if A is open then neither of B and Q will be open.  
 Hence, in this case, at most two roads can be open.  
 Hence, this may or may not be true.  
 Option 4:  
 From option 2, we get that atleast one road is open.  
 Hence, this statement is definitely false.  
 Hence, **option 2**.
41. It is given that all married persons are invited for the dance.  
 And some members of the club are married persons.  
 So, all married students of the club are invited for the dance.  
 Hence, **option 2**.
42. According to the given conditions, A is accepted by W, Z and X.  
 B is accepted by Y, W and Z.  
 C was accepted by W, Y, X and Z.  
 D was accepted by W and X.  
 So, C is accepted by all the four parties.  
 Hence, **option 3**.
43. Options 1, 3, 4 are too compulsive and far fetched.  
 Option 2 looks proper.  
 Hence, **option 2**.
44. The last bit of information mentions that if World War III were to strike, it would be nuclear power which would trigger (start) it. Hence, the use of nuclear power in WWII is inevitable.  
 The information says that civilization "may possibly" end while option 2 mentions that there will be no civilization. Option 2 is incorrect.  
 Option 3 is mentions "growth of nuclear power" which is incorrect. Only its "misuse" will trigger a war which might cause an end of civilization.  
 Option 4 is incorrect. The information mentions a possibility of WWII beginning.  
 Hence, the correct answer is **option 1**.

45. It is clear that the arrow should be on the topmost left corner and facing up.  
 Only option 4 satisfies it.  
 Hence, **option 4**.
46. A student scored 74 marks.  
 We can assume that this will be his best performance if he scored 74 marks in a subject which has least highest marks and the least higher range of marks.  
 Clearly test II satisfies these criteria.  
 Hence, **option 2**.
47. Keep G as the base of the cube.  
 Now, fold R and B together.  
 Now, fold Y, O and W together around G.  
 So, after forming the cube, O will be opposite G. R will be opposite Y and B will be opposite W.  
 Hence, **option 3**.
48. We want a region which represents the people who are intelligent, honest and truthful but not hardworking.  
 So, there are 6 such people.  
 Hence, **option 1**.
49. From first two figure, A, B, H and M are adjacent to K.  
 Hence, letter opposite to A is either H or M.  
 Now, if M is opposite to A, then H will be opposite to B.  
 But, by third figure, it is not possible.  
 Hence, H is opposite to A.  
 Hence, **option 1**.
50. In first and third set, the black portion of middle image is diagonally opposite to that of first image.  
 Hence, second image in second set must be *d*.  
 Hence, **option 4**.
51. The passage mentions, "...and as a protection against free market individualism." Thus, statement 3 is correct.  
 The passage also mentions, "It has been argued that a group approach...poverty alleviation and empowering the poor as well as enhancing agricultural productivity." Thus, statements 1 and 2 are correct.  
 Hence, the correct answer is **option 2**.
52. The last few lines of the passage mention, "And although .....potential for benefiting women".  
 Hence, the correct answer is **option 3**.
53. Nowhere in the passage is it mentioned that agricultural collectives are "imperative". Thus, statement 1 is incorrect.  
 The passage mentions that group approach to farming especially agricultural collectives have the scope to

empower the poor and enhance agricultural productivity. Thus, statement 2 is correct.

Hence, the correct answer is **option 2**.

54. According to the passage, in the Western context deepening of democracy leads to a consolidation of “liberal values”. This has not been mentioned in any of the options. Options 1, 2 and 3 either mention democracy in the Indian context or knowledge out of the passage.

Hence, the correct answer is **option 4**.

55. The passage very clearly mentions, “Community-identity seems to be the governing force. It is not therefore surprising that the so called peripheral groups continue to maintain their identities with reference to the social group...”

Hence, the correct answer is **option 2**.

56. The last five lines of the passage mention, “This is a significant political process that had led to a silent revolution through a meaningful transfer of power from upper caste elite to subaltern groups within the democratic framework...”

Hence, the correct answer is **option 3**.

57. We know that History lecture can take place only on Tuesday.

Now, English, Economics and Mathematics are scheduled on three consecutive days. So, they have to be scheduled on Wednesday, Thursday and Friday. So, that leaves Statistics on Monday.

Hence, **option 4**.

58. Consider the solution for above question. History is scheduled between Statistics and English.

Hence, **option 2**.

59. Consider the solution for question number 57. Mathematics is scheduled on the last day of the week.

Hence, **option 3**.

60. Consider the solution for question number 57. English is scheduled on Wednesday.

Hence, **option 3**.

61. Consider the solution for question number 57. Economics is scheduled before Mathematics.

Hence, **option 1**.

62. Let each glass be of capacity  $x$ .

∴ In first glass water quantity =  $x/2$  and milk quantity =  $x/2$ .

And in second glass water quantity =  $x/4$  and milk quantity =  $3x/4$ .

So, ratio of milk to water when both the glasses are poured in a vessel

$$= \frac{\frac{3x}{4} + \frac{x}{2}}{\frac{x}{4} + \frac{x}{2}} = \frac{5}{3}$$

Hence, **option 4**.

63. Options a, b, c are too far fetched from the information given.

And option d can be drawn as the inference from the given information.

Hence, **option 4**.

64. Options 2 and 3 are too far fetched from the given data. Option 1 is not necessarily true.

Option 4 can be a conclusion.

Hence, **option 4**.

65. It is clear that doctor is at the centre MLA stays above the Engineer.

It is given that IAS officer is professor’s friend.

So, IAS officer must stay above Engineer and the MLA.

Only option 4 satisfies this condition.

Hence, **option 4**.

66. “I was almost a part of it” indicates a feeling of belongingness, feeling as part of a unit or a sense of cohesiveness. The option that comes closest to this is option 4. Option 1 does not capture the essence of the phrase. Option 2 is mentioned verbatim in the passage. Option 3 is out of context.

Hence, the correct answer is **option 4**.

67. The general description of the surrounding tells us that the prisoner tried means and ways to distract himself from something- loneliness. Also, it is mentioned that the prisoner greeted little tufts of grass and that he wasn’t alone in the cell. This indicates that the prisoner made a conscious effort to **not only notice things** (as mentioned in option 2) around him but to use his time constructively.

Option 1 is too general. Option 2 is not comprehensive. Option 4 with “live happily” is incorrect.

Hence, the correct answer is **option 3**.

68. The author familiarized himself with his surroundings and befriended his natural environment as a means of survival and to kill his loneliness. He seemed to have adjusted to his surroundings to the extent of feeling at ease in it. Option 1 comes closest to what is tried to be conveyed in the passage.

Hence, the correct answer is **option 1**.

69. The expression “pitching the highest camp” means to have targeted a territory that has not yet been conquered. Option 3 comes closest to it.  
Option 1 does moves away from the paragraph Option 2 gives a literal explanation of the expression. Option is out of context.  
Hence, the correct answer is **option 3**.
70. The third line mentions, “Everything took five times as long as it would have taken in a place where there was enough air to breathe.” This implies that the given place had a shortage of air. This is given clearly in option 2.  
Hence, the correct answer is **option 2**.
71. The passage mentions, “...it was not too cold for us to take off our gloves.” This means that it was not very cold and so they could take off their gloves. This is aptly put in option 1.  
Hence, the correct answer is **option 1**.
72. The information clearly states that the man missed the stairway because he lost his way in the smoke-filed passage.  
Hence, the correct answer is **option 2**.
73. Option 1 is wrong because the man did not save the baby intentionally nor did he express any willingness to do so.  
He used the “bundle” to protect himself but ended up saving the baby’s life because of which he was called a hero.  
Options 2 and 3 are not correct. He managed to escape from fire through a clear doorway. He did not have to fight the fire for it.  
Hence, the correct answer is **option 4**.
74. The key point to remember here is the urgency aspect.  
Option 1 and 2 would result in loss of time.  
Option 3 would result in an unnecessary dispute and does not solve the problem in an urgent manner.  
Taking up the responsibility on your own would result in quick and accurate solutions.  
Hence, the correct answer is **option 3**.
75. If you have faced unfair treatment it is only apt that you take action against it. Option 2 will only result in your loss. Withdrawal of your name is an escape and does not give you a just reward for your presentation. Protesting and leaving the place would also not be fair to you. Options 3 and 4 are incorrect. It is the duty of the committee to make sure that the awards are conducted fairly. Hence, complaining to the chairperson is apt.  
Hence, the correct answer is **option 1**.
76. If one is handling a time bound task one would want the task to go smooth sailing without delays. Since it is not very urgent it would be apt for the person in charge to look into the reasons for the non-cooperation. Option 1, 3 and 4 are steps that can be taken later on .  
Hence, the correct answer is **option 2**.
77. In this case the athlete has already won the medal so asking the screening committee for a clarification would not be a good idea. Asking for an affidavit does not change the fact that the athlete is over-age. Asking views from other members would result in wastage of time and the athlete may even get away with it.  
If an athlete is over-age it is only correct that he returns the medal and the credit goes to some other athlete who deserves it.  
Hence, the correct answer is **option 2**.
78. Proceeding for leave without sanction shows unprofessionalism.  
Pretending to be sick after informing your immediate boss of your intention to take leave is going to put you in a tight spot.  
Arguing with the boss will affect your work environment.  
It would be a good idea to approach higher authority and hear what they have to say about it.  
Hence, the correct answer is **option 3**.
79. Providing free supply of water will cause losses for the project. Thus, option 1 and 2 are not feasible.  
Making only non-BPL people pay for the water will be unfair to them.  
Option 4 gives a good solution. Both non-BPL as well as BPL people pay charge for water depending on their income levels and consumption.  
Hence, the correct answer is **option 4**.
80. Giving bribe is illegal and incorrect. Persisting with your application when you know the official is adamant on taking bribe is illogical. One cannot complain about “feelers” as it can be rubbished as faulty perception. A formal complaint will be a strong and appropriate action in this situation.  
Hence, the correct answer is **option 4**.

